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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:	
	Lomp et al.
Application No.:	Not Yet Known
Filed:	Not Yet Known
For: CODE DETECTION	
Group:	Not Yet Known
Examiner:	Not Yet Known

Our File: I-2-0092.5US
Date: October 7, 2003

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. This application is a continuation of U.S. Patent Application No. 09/840,769 filed April 24, 2001, which is a continuation of U.S. Patent Application No. 09/444,079, filed November 22, 1999, now U.S. Patent No. 6,229,843, which is a continuation of U.S. Patent Application No. 09/024,473, filed February 17, 1998, now U.S. Patent No. 5,991,332, which is a divisional of U.S. Patent Application No. 08/669,769, filed June 27, 1996, now U.S. Patent No. 5,796,776, which claims priority from U.S. Provisional Application No. 60/000,775, filed June 30, 1995.

Pursuant to 37 C.F.R. §1.98(d) copies of documents cited in the parent application are not enclosed, but copies will be provided upon request. These documents are identified on the PTO-1449 form by an asterisk (*). Copies of all other cited documents are enclosed.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Lomp et al.

By_____
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JMG/mam
Enclosures (5)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0092.5US	SERIAL NO. Not Yet Known
	APPLICANT Lomp et al.	
	FILING DATE Not Yet Known	GROUP Not Yet Known

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4	3	2	0	5	1	3	03/1982	Lampert			
	AB	4	9	0	1	3	0	7	2/13/90	Gilhousen et al.			
	AC	5	0	2	2	0	4	9	6/4/91	Abrahamson et al.			
	AD	5	0	8	4	9	0	0	1/28/92	Taylor			
	AE	5	0	9	3	8	4	0	3/3/92	Schilling			
	AF	5	1	0	3	4	5	9	4/7/92	Gilhousen et al.			
	AG	5	1	0	9	3	9	0	4/28/92	Gilhousen et al.			
	AH	5	1	6	6	9	5	1	11/24/92	Schilling			
	AI	5	1	6	6	9	5	2	11/1992	Omurg et al.			
	AJ	5	1	6	6	9	2	9	11/1992	Lo, Wing F.			
	AK	5	1	9	3	0	9	4	3/9/93	Viterbi			
	AL	5	2	0	4	8	7	6	4/20/93	Bruckert et al.			
	AM	5	2	2	8	0	5	4	7/13/93	Rueth et al.			
	AN	5	2	2	8	0	5	6	7/13/93	Schilling			
	AO	5	2	3	7	5	8	6	8/17/93	Bottomley			
	AP	5	2	4	1	6	9	0	8/31/93	Larsson et al.			
	AQ	5	2	4	5	6	2	9	9/14/93	Hall			
	AR	5	2	5	3	2	6	8	10/12/93	Omura et al.			
	AS	5	2	5	7	2	8	3	10/26/93	Gilhousen et al.			
	AT	5	2	6	0	9	6	7	11/9/93	Schilling			
	AU	5	2	6	5	1	1	9	11/23/93	Gilhoussen et al.			
	AV	5	2	6	7	2	6	2	11/30/93	Wheatley, III			
	AW	5	2	8	3	5	3	6	2/1/94	Wheatley, III et al.			

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AX	5	2	9	5	1	5	2	3/15/94	Gudmundson et al.			
	AY	5	2	9	9	2	2	6	3/29/94	Schilling			
	AZ	5	2	9	9	2	2	8	3/29/94	Hall			
	BA	5	3	0	9	4	7	4	5/3/94	Gilhousen et al.			
	BB	5	3	2	7	4	5	5	7/5/94	DeGaudenzi et al.			
	BC	5	3	2	7	4	6	7	7/5/94	DeGaudenzi et al.			
	BD	5	3	4	1	3	9	6	8/23/94	Higgins			
	BE	5	3	4	5	5	9	8	9/6/94	Dent			
	BF	5	3	4	7	5	3	6	9/13/94	Meehan			
	BG	5	3	4	9	6	0	6	9/20/94	Lovell et al.			
	BH	5	3	7	7	1	8	3	12/27/94	Dent			
	BI	5	3	6	1	2	7	6	11/1994	Subramanian			
	BJ	5	3	6	5	5	8	5	11/1994	Puhl et al.			
	BK	5	3	9	2	2	8	7	2/21/95	Tiedemann, Jr. et al.			
	BL	5	3	9	6	5	1	6	3/7/95	Padovani et al.			
	BM	5	4	0	4	3	7	6	4/4/95	Dent			
	BN	5	4	1	4	7	2	8	5/9/95	Zehavi			
	BO	5	4	1	4	7	2	9	5/9/95	Fenton			
	BP	5	4	1	6	7	9	7	5/16/95	Gilhousen et al.			
	BQ	5	4	2	0	8	9	6	5/30/95	Schilling			
	BR	5	4	3	0	7	6	0	7/4/95	Dent			

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	BS	5	4	4	0	5	9	7	8/8/95	Chung et al.			
	BT	5	4	4	2	6	6	2	8/15/95	Fukasawa et al.			
	BU	5	4	4	6	6	8	3	8/29/95	Mullen et al.			
	BV	5	3	9	6	5	3	9	03/1995	Slekys et al.			
	BW	5	4	2	0	8	6	4	05/1995	Dahlin et al.			
	BX	5	4	0	6	6	1	5	4/1995	Miller, II et al.			
	BY	5	4	5	4	0	2	6	9/1995	Tanaka			
	BZ	5	5	2	8	6	2	4	6/18/96	Kaku et al.			
	CA	5	5	4	4	1	5	6	8/6/96	Teder et al.			
	CB	5	5	4	8	6	1	3	8/20/96	Kaku et al.			
	CC	5	5	5	0	8	1	1	8/27/96	Kaku et al.			
	CD	5	5	5	9	7	9	0	9/24/96	Yano et al.			
	CE	5	4	8	8	6	2	9	1/30/96	Takahashi et al.			
	CF	5	5	1	9	7	3	6	5/21/96	Ishida			
	CG	5	5	7	4	7	7	5	11/1996	Miller, II et al.			
	CH	5	6	7	3	2	8	6	9/30/97	Lomp			
	CI	5	6	7	3	2	5	9	9/1997	Quick, Jr.			
	CJ	5	6	5	4	9	8	0	08/1997	Latva-aho et al.			
	CK	5	7	1	2	8	6	9	1/27/98	Lee et al.			
	CL	4	9	4	0	7	7	1	8/1999	Gollnick et al.			
	CM	5	9	9	1	3	3	2	11/99	Lomp et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CN	5 8 7 5 4 0 0	2/1999	Madhavapeddy et al.			
	CO	5 8 7 2 8 1 0	02/1999	Phillips et al.			
	CP	5 8 8 1 3 6 8	03/1999	Grob et al.			
	CQ	6 1 0 8 5 3 7	8/2000	Cormer et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CR	D E 37 43 73 1A 1	7/13/89	Germany				
	CS	D E 37 43 73 2A 1	7/13/89	Germany				
	CT	0 4 6 2 5 7 2	12/1991	EP				
	CU	W O 92 21 1 9 6	11/1992	PCT				
	CV	E P 04 64 83 9A 2	1/8/92	Europe				
	CW	9 3 1 4 5 8 8	07/1993	WO				
	CX	E P 05 26 10 6A 2	2/3/93	Europe				
	CY	9 4 2 8 6 4 0	12/1994	WO				
	CZ	2 2 8 0 5 7 5	02/1995	GB				
	DA	W O 95 07 5 7 8	3/16/95	PCT				
	DB	E P 06 54 91 3A 2	5/24/95	Europe				
	DC	E P 06 56 71 6A 1	6/7/95	Europe				
	DD	E P 06 68 66 2A 1	8/23/95	Europe				
	DE	W O 95 03 6 5 2	2/2/95	PCT				
	DF	W O 97 02 6 6 5	1/23/97	PCT				

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	DG	Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread-Spectrum Approach," UMI Dissertation Information Service (1978) 204 pp.
	DH	Hossein Al Avi, "Power Control and Interference Management in a Spread-Spectrum Cellular Mobile Radio System," UMI Dissertation Information Services, (1984) 129pp.
	DI	"Code Division Multiple Access (CDMA)", Franz Josef Hagmanns, Volker Hespelt, 8273 ANT Nachrichtentechnische Berichte (1993) August, No. 10, Backnang, DE, pp. 64-71
	DJ	Raymond W. Nettleton, "Spectral Efficiency in Cellular Land-Mobile Communications: A Spread-Spectrum Approach," UMI Dissertation Information Service (1978) 204 pp.
	DK	Pahlavan et al.; "Performance of adaptive matched filter receivers over fading multipath channels;" IEEE; vol. 38, no. 12; pgs. 2106-2113; December 1990.
	DL	Giannetti et al.; "Design of an all-digital receiver for narrowband continuous-phase asynchronous CDMA systems;" IEEE; vol. 3; pgs. 468-472; May 1993.
	DM	Braun et al.; "An All-digital receiver for satellite audio broadcasting signals using trellis coded quasi-orthogonal code-division multiplexing," AEI; vol. 4, no. 1; pgs. 23-32; 1993.
	DN	Rick et al.; "Noncoherent parallel acquisition in CDMA spread spectrum systems;" IEEE; paragraph 1; May 1994.
	DO	Bernasconi; "Receiver architectures for the down-link in a DS-CDMA mobile system;" IEEE; pgs. 51-55; September 1994.

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